

ABSTRACT

A symmetrical oscillator includes a reactive element, such as an inductor, coupled between first and second active components, where the reactive element defines a fundamental resonant frequency with one or more capacitances of the oscillator. A first feedback circuit is coupled between the first active component and a common node, while a second feedback circuit is coupled between the second active component and the common node such that an output signal at substantially twice the fundamental resonant frequency is obtained at the common node.

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